

ABSTRACT OF THE DISCLOSURE

The managed system and methods of the present invention are segmented into 3 main areas: Clouds, Registrations, and Resolvers. The cloud object provides information about the clouds that are available. If a cloud is available, the Registration object can be used to register endpoints with the P2P name resolution protocol. Finally, if an application developer wishes to resolve a peer name to an IP address, they simply use the resolver object. The clouds may be monitored for state changes in one embodiment of the present invention through a CloudWatcher object.